

TD01040708C1

J1

# Service Manual

Mini Cassette

RQ-L30

Mini Cassette Recorder

Colour

(S).....Silver Type

Area

(PC1).....Canada.

TN9X Mechanism Series



## SPECIFICATIONS

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### General

Power Requirement: Battery; DC 3 V

[R6/LR6 (UM-3) Batteries]  
AC; 3V with optional Panasonic  
AC adaptor RP-AC31

Motor: Electric governor motor  
Power output: 450mW (RMS...max)  
Frequency range: 180 ~ 7,000Hz (Normal)  
Recording System: DC bias, Magnet erase  
Dimensions: 85.0(W) x 112.5 (H) x 34.0(D) mm  
(3 3/8" x 4 7/16" x 1 5/16")  
Weight: 164g (5.8oz.) Without battery

Monitor System: Fix

Tape Speed: 4.8cm/s (1 7/8 ips)

Wow & Flutter: 0.12% (WRMS)

Program Time: 1 hour with C-60 cassette tape

Jack; Input: DC IN; 3V (⬡—⬡—⬡)

MIC; 0.25mV (150-600Ω)

Output: Earphone; 8Ω, ϕ 3.5

Speaker: 3.6cm (1 7/16") PM dynamic (4Ω)

Track System: 2-track monaural recording and playback

### Notes:

1. Weights and dimensions shown are approximate.

2. Design and specifications are subject to change without notice.

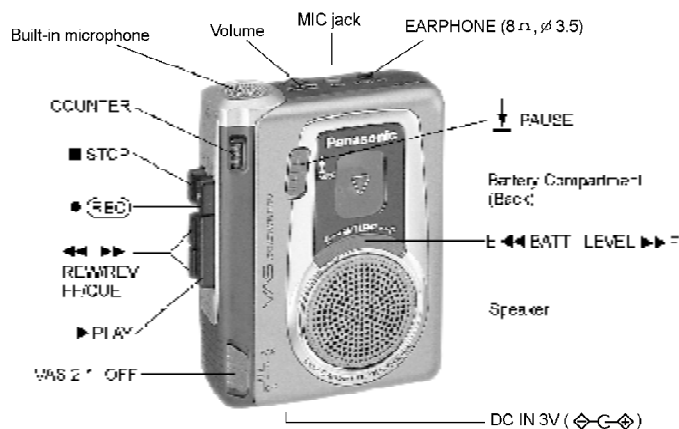
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## ⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

# Panasonic®

## 1. Location of Controls



### BATTERY SERVICE LIFE

UM-4 ("AAA" size) Batteries

Approx. 15 hours of playback (EIAJ) with set at 3/4 position

Approx. 24 hours of recording (EIAJ) with set at 3/4 position

The above battery service life is measured according to the conditions set forth by EIAJ (Electronic Industries Association of Japan). As the battery service life varies with the method of operation and environmental conditions, use these values as reference.

## 2. Replacement Parts List



## BATTERY SERVICE LIFE

UM-4 ("AAA" size) Batteries

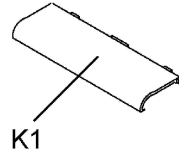
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Approx. 24 hours of recording (EIAJ) with set at 3/4 position

The above battery service life is measured according to the conditions set forth by EIAJ (Electronic Industries Association of Japan). As the battery service life varies with the method of operation and environmental conditions, use these values as reference.




**Notes: (T) Indicates parts that are supplied by TAMACO**

<b>Ref No.</b>	<b>Parts No.</b>	<b>Part NAME &amp; Description</b>	<b>Remarks</b>
K1	RKKT0018-H	Battery Cover	<b>(T)</b>
A1	RQTT0307-C	Instruction Book	<b>(T)</b>



## Notes:

1. SW1-1,1-2,1-4,1-5,1-6:  
Record/Playback select switch in "Playback" position.
2. Sw2-1,2-2:  
VAS (OFF)-1-2 switch in VAS (OFF) position.
3. SW3: PAUSE OFF/ON switch in "OFF" position.
4. SW4: Motor switch in "OFF" position.
5. VR1: Volume control VR.
6. VR2: Tape speed adjustment VR.
7. All voltage valuse shown in circuitry are under no signal condition and playback mode with volume control at maximum position.

8. Battery current: Volume minimum output .....140 mA.  
Volume maximum output .....340 mA  
(315Hz 0 dB tape QZZCFM playback)
9.  +B Voltage Line.  
 Playback Signal.  
 Record Signal Line.

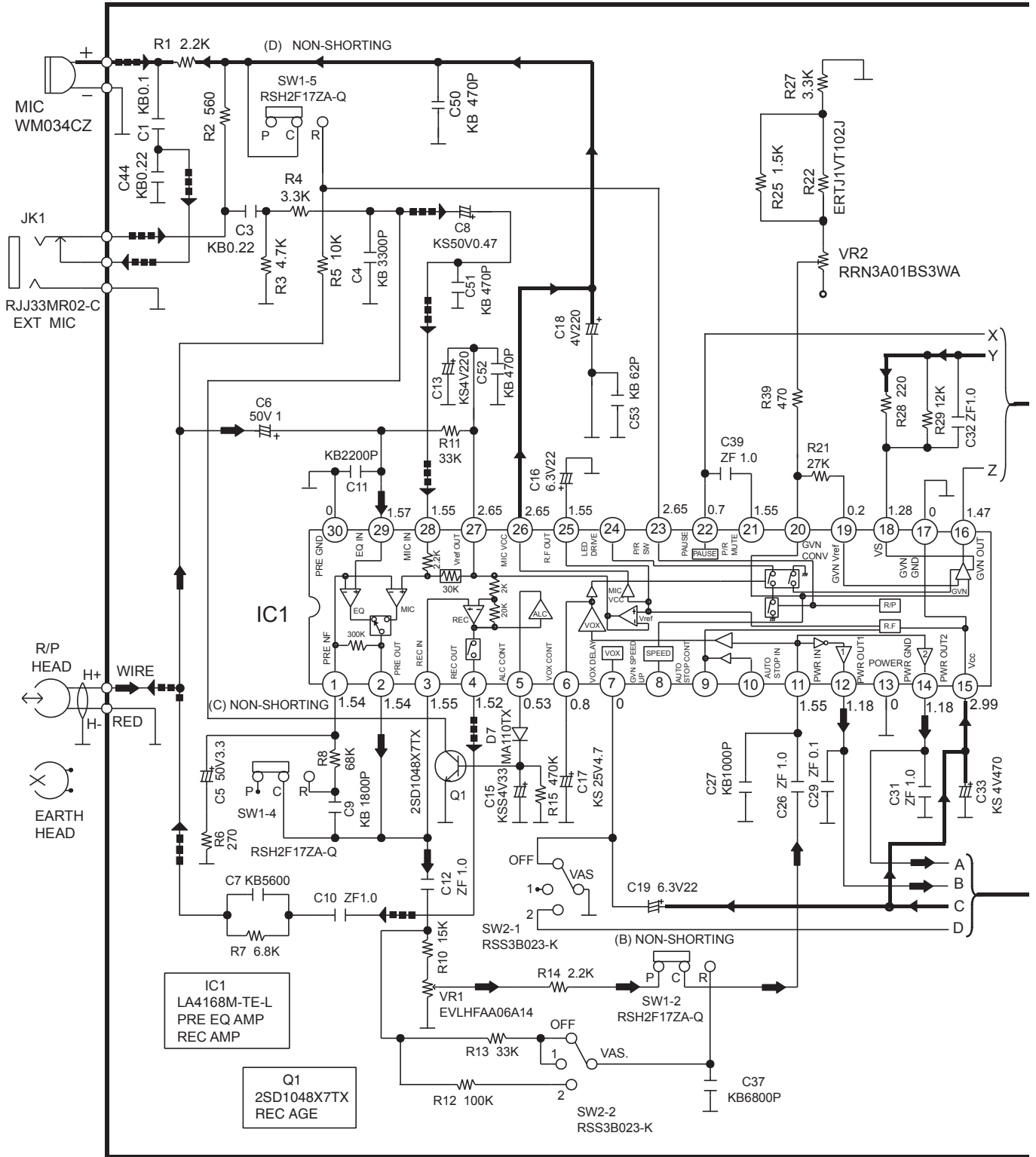
● **This schematic diagram may be modified at any time with the development of new technology.**

# SCHEMATIC DIAGRAM-1




➡ : Playback Signal Line

➡ : + B Voltage Line

■ ■ ■ ➡ : Record Signal Line



## ■ SCHEMATIC DIAGRAM-2

 : Playback Signal Line   
  : + B Voltage Line   
  : Record Signal Line

